



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
08/844,267	04/18/97	MENARD	A 148-1123

IM71/0409  
MCCORMICK PAULDING AND HUBER  
CITYPLACE II  
185 ASYLUM STREET  
HARTFORD CT 06103-4102

EXAMINER

DIXON, M

ART UNIT PAPER NUMBER

1774

04/09/99

DATE MAILED:

NOTICE OF ALLOWABILITY

PART I.

- ☒ This communication is responsive to Amat C, filed 3/30/99
- ☒ All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
- ☒ The allowed claims are 9-17 (rem 1-9)
- ☐ The drawings filed on \_\_\_\_\_ are acceptable.
- ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has [ ] been received. [ ] not been received. [ ] been filed in parent application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.
- ☐ Note the attached Examiner's Amendment.
- ☒ Note the attached Examiner Interview Summary Record, PTOL-413.
- ☒ Note the attached Examiner's Statement of Reasons for Allowance.
- ☒ Note the attached NOTICE OF REFERENCES CITED, PTO-892.
- ☐ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
- ☐ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
  - ☐ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. \_\_\_\_\_. CORRECTION IS REQUIRED.
  - ☐ The proposed drawing correction filed on \_\_\_\_\_ has been approved by the examiner. CORRECTION IS REQUIRED.
  - ☐ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
  - ☐ Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

Attachments:

- Examiner's Amendment
- ☒ Examiner Interview Summary Record, PTOL-413
- Reasons for Allowance
- Notice of References Cited, PTO-892
- Information Disclosure Citation, PTO-1449

- Notice of Informal Application, PTO-152
- Notice re Patent Drawings, PTO-948
- Listing of Bonded Draftsmen
- Other

  
MERRICK DIXON  
PRIMARY EXAMINER  
GROUP 1300



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

TM/1/0409

MCCORMICK PAULDING AND HUBER  
CITYPLACE II  
185 ASYLUM STREET  
HARTFORD CT 06103-4102

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/844,267	04/18/97	009	DIXON, M. 1774	04/21/99
First Named Applicant	MENARD,	35 USC 154(b) term ext. = 0 Days.		

TITLE OF INVENTION DRUM ASSEMBLY FOR AN INTERNAL DRUM IMAGING DEVICE  
(AS AMENDED)

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
1 148-1123	156-173.000	558	UTILITY	NO	\$1210.00	07/22/99

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

**I. Review the SMALL ENTITY status shown above.**

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

**II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.**

**III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.**

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

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This application has been examined.

Claims 9-17, renumbered 1-9 are allowed.

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The following is an examiner's statement of reasons for allowance: The claimed invention is deemed unobvious over the cited art of record because such art does not teach or reasonably suggest the overall aspects of a drum assembly for an internal drum-type imaging apparatus, the drum assembly defining a concave imaging surface which is more than semi-cylindrical, the assembly made in accordance with a method comprising the steps of: releasably wrapping a drum skin partially around a generally cylindrical mandrel having an axis, the drum skin having a front face facing toward said mandrel and defining an image surface and also having a rear facing away from said mandrel in combination with fixedly attaching a drum to said rear face of the drum skin while the drum skin is wrapped around the mandrel, the drum and drum skin each extending for more than 180 deg and less than 360 deg about the mandrel axis so as to define an interface of greater than 180 and less than 360 deg extent about the mandrel axis and which drum and drum skin cooperate to define a vacuum chamber; generating a fluid bearing between said front face of the drum skin and the mandrel to separate the drum skin from the mandrel; and moving the drum and attached drum skin relative to the mandrel and in a direction parallel to the mandrel axis to

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remove the drum and attached drum skin from the mandrel while maintaining the fluid bearing between the drum skin and the mandrel, whereby the drum and attached drum skin after removal from said mandrel provide said drum assembly with said front face of said drum skin defining said concave than semi-cylindrical.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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The application having been allowed, formal drawings are required in response to this Office action.

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**Crystal Mall 1 Fax Center**

A facsimile center has been established in Crystal Plaza 3. The hours of operations are Mondays through Friday, 8:45 to 4:45 PM. This new location should be used in all instances when faxing

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any correspondence to Group 1300. The Patent Examining Fax Center new telecopier numbers are (703) 305-3599 for all After Finals and 703-305-5408 for all others. Use of the new Crystal Plaza 3 center will facilitate rapid delivery of materials to the group. The faxing of all papers must conform with the notice published in the Official Gazette, 1096 O.G. 30 ( November 15, 1989).

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Any questions concerning this communication should be directed to Examiner Merrick Dixon at 703-308-0013.

A handwritten signature in black ink, appearing to read "Merrick Dixon", written in a cursive style.

Merrick Dixon

Primary Examiner

Group 1300